

10/076347

**BI-DIRECTIONAL PACKAGE DIVERT  
MECHANISM AND METHOD OF USE**

**ABSTRACT OF THE DISCLOSURE**

5

A bi-directional package divert mechanism used for sorting mail and other packages and items into appropriate bins for future delivery.

10

The mechanism includes a downward extending moving mechanism which is capable of moving items into one of two directions, both perpendicular to an original direction of travel. Sensors are provided which detect a position of the moving mechanism, items for moving and monitoring of other systems.